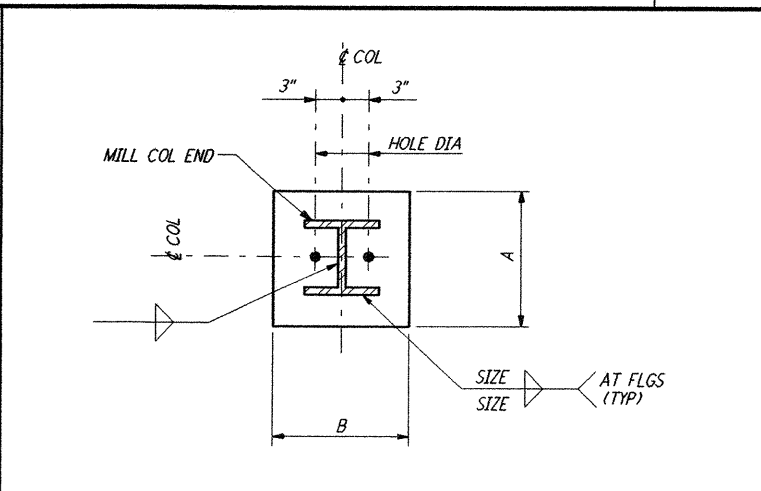


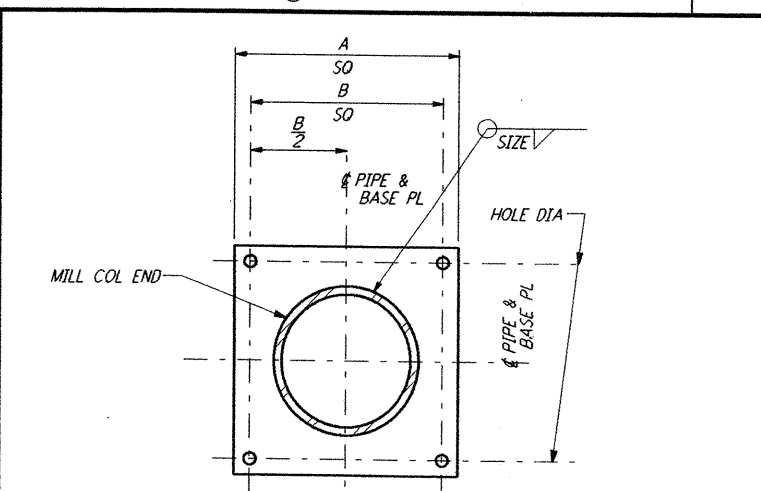
BASE PLATE SCHEDULE						
MEMBER SIZE	A	B	C	D	PL THICK	SIZE WELD
WB	1'-0"	0'-11"	2 1/2"	2 1/2"	1"	5/16"
W10	1'-0"	0'-11"	3"	3"	1"	1/2"
W12	1'-2"	0'-11"	3 1/2"	3 1/2"	1 1/2"	5/16"
W14	1'-4"	1'-4"	3 1/2"	3 1/2"	1 1/2"	5/16"
W16	1'-6"	1'-4"	3 1/2"	3 1/2"	1 1/2"	5/16"

BASE PLATE DETAILS (1) (1A) (1B)



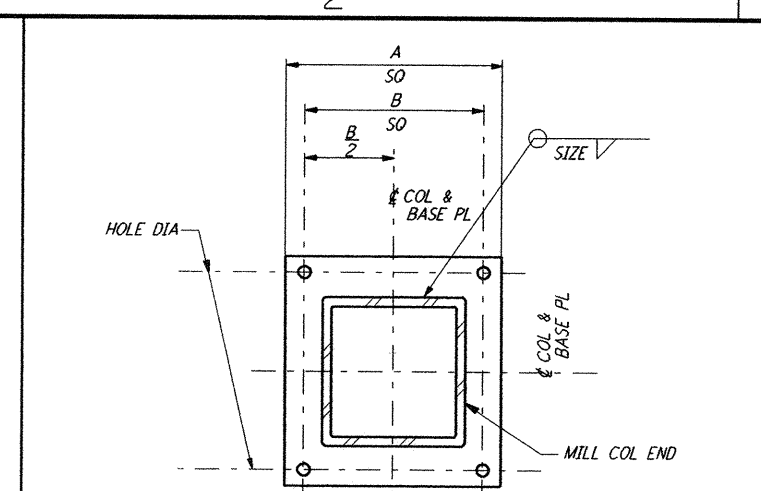
BASE PLATE SCHEDULE				
MEMBER SIZE	A	B	PL THICK	SIZE WELD
WB	0'-10"	0'-10"	2"	1/2"
W10	1'-0"	0'-10"	1"	5/16"
W12	1'-2"	0'-10"	1"	5/16"
W14	1'-4"	0'-10"	1 1/2"	5/16"
W16	1'-6"	0'-10"	1 1/2"	5/16"

BASE PLATE DETAIL (2)



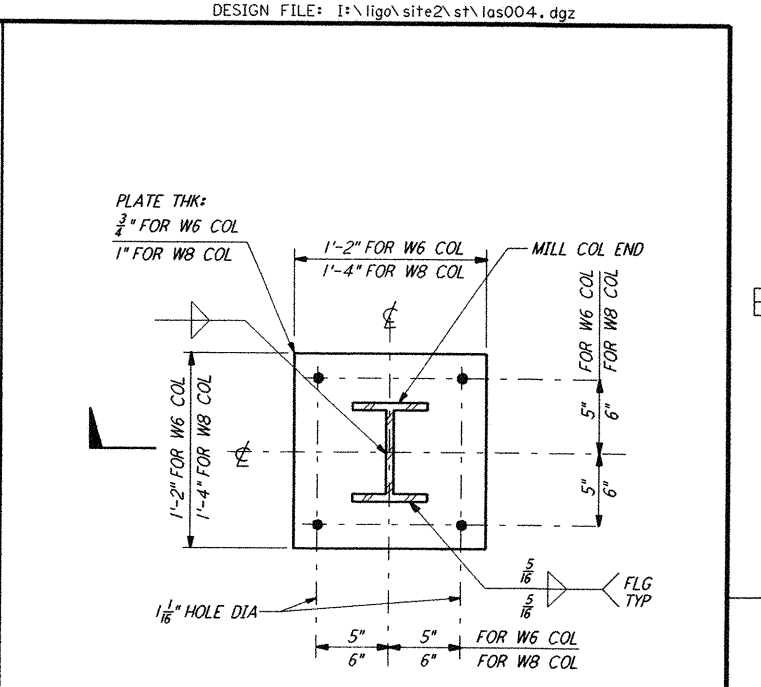
BASE PLATE SCHEDULE				
PIPE DIA	A	B	PL THICK	SIZE WELD
3"	1'-0"	0'-6"	3/4"	1/2"
4"	1'-0"	0'-8"	1"	1/2"
5"	1'-2"	0'-10"	1 1/2"	1/2"
6"	1'-4"	1'-0"	1 1/2"	5/16"
8"	1'-6"	1'-2"	1 1/2"	5/16"

PIPE BASE PLATE DETAIL (3)

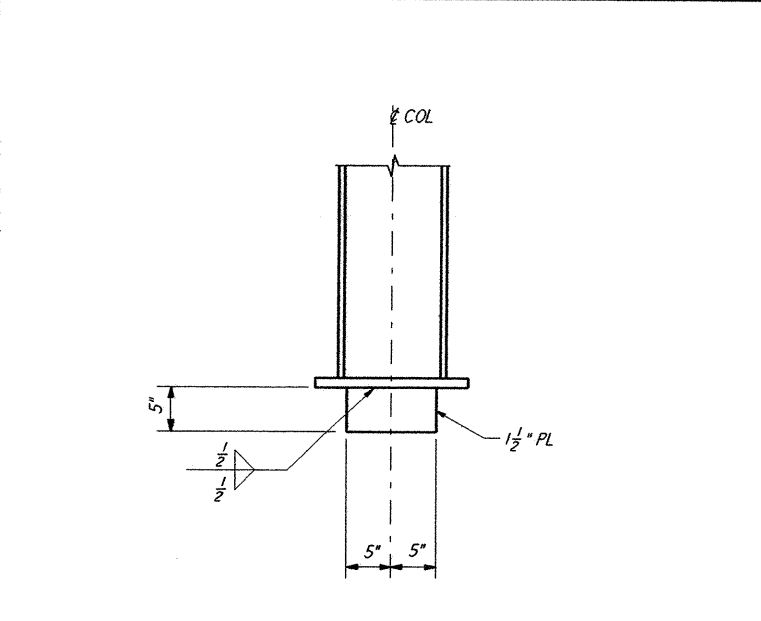


BASE PLATE SCHEDULE				
COL SIZE	A	B	PL THICK	SIZE WELD
TS4X4	1'-0"	0'-8"	1"	1/2"
TS5X5	1'-2"	0'-10"	1 1/2"	1/2"
TS6X6	1'-4"	1'-0"	1 1/2"	5/16"
TS7X7	1'-6"	1'-2"	1 1/2"	5/16"
TS8X8	1'-6"	1'-2"	1 1/2"	5/16"

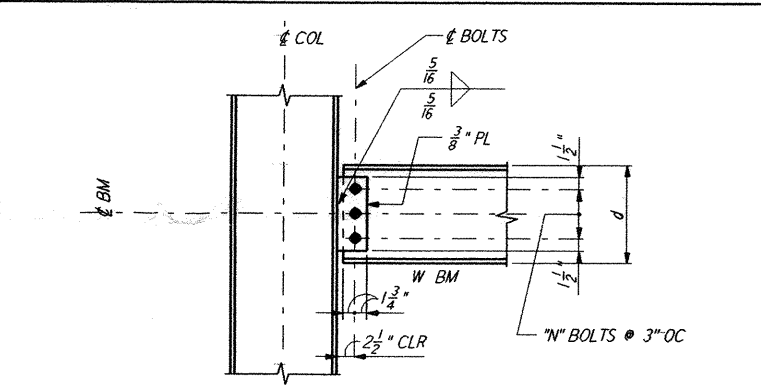
TS BASE PLATE DETAIL (4)



BASE PLATE DETAIL (5)

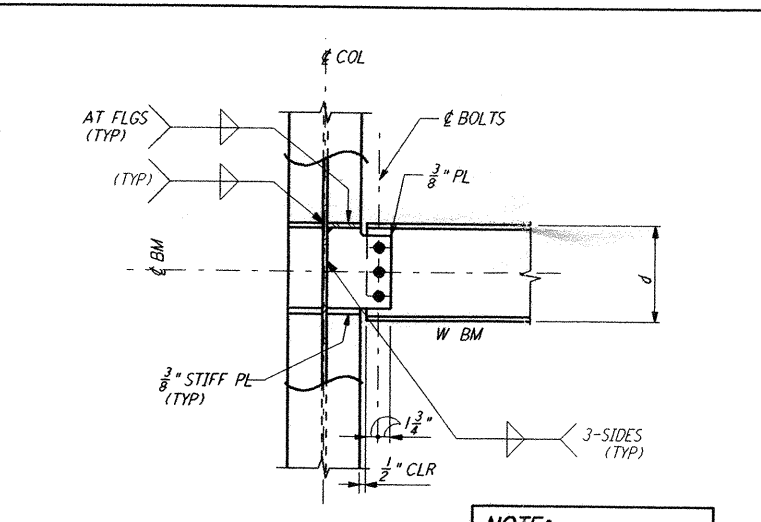


SECTION (A)

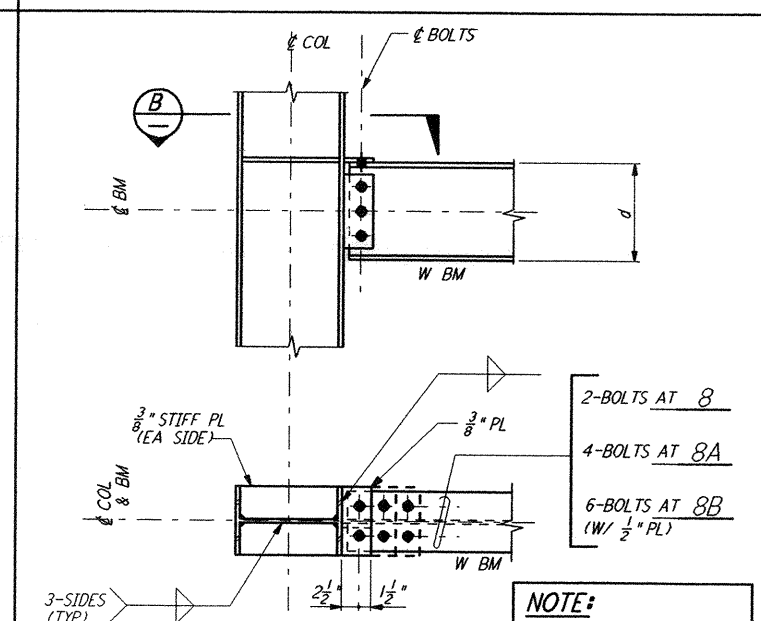


SCHEDULE		
BEAM DEPTH d (INCHES)	NO OF BOLTS 'n'	CAPACITY 3/4\"/>
8, 10	2	10.5
12, 14	3	20.4
16, 18	4	31.4
21, 24, 27	5	42.4
30, 33, 36	6	53.2

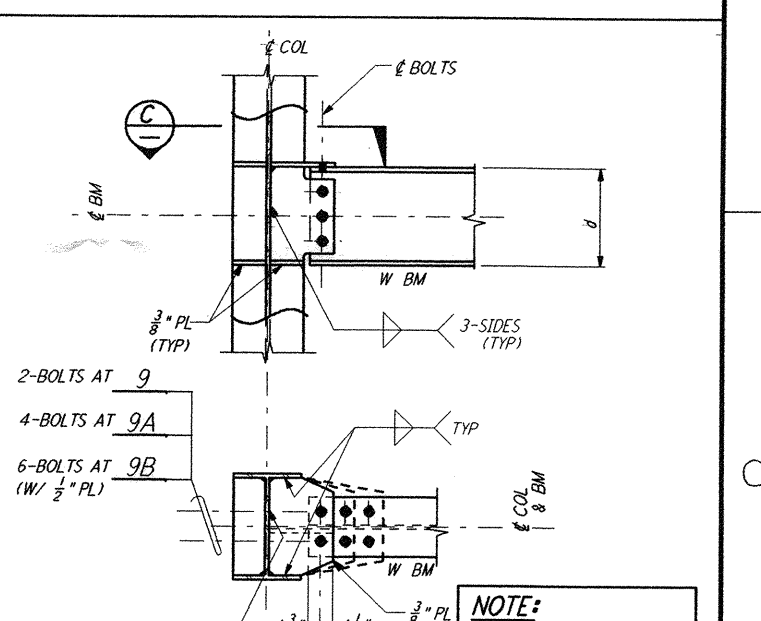
BEAM TO COLUMN CONNECTION DETAIL (6)



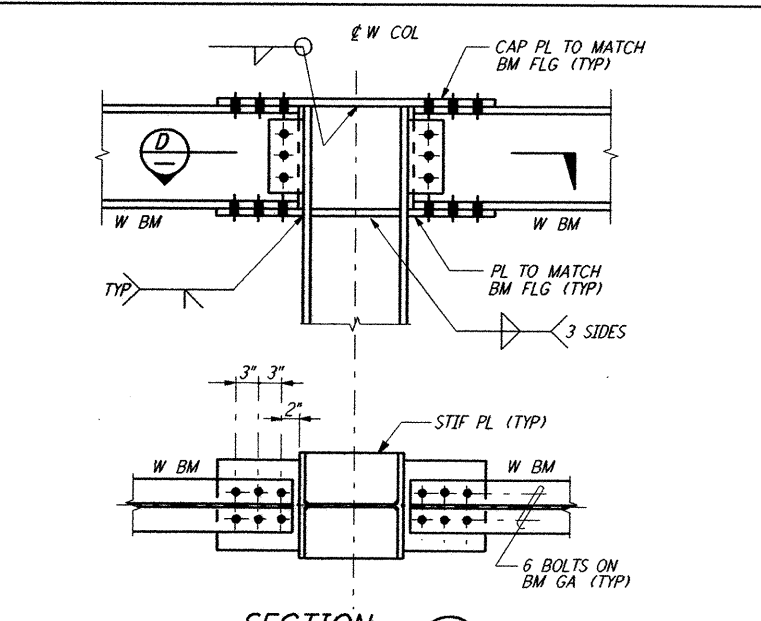
BEAM TO COLUMN CONNECTION DETAIL (7)



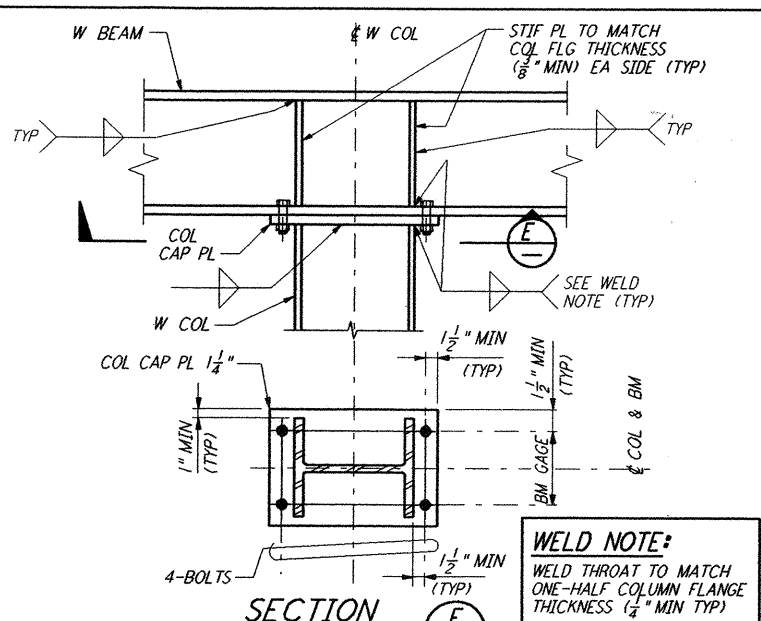
STRUT BEAM TO COLUMN CONNECTION DETAIL (B) (8A) (8B)



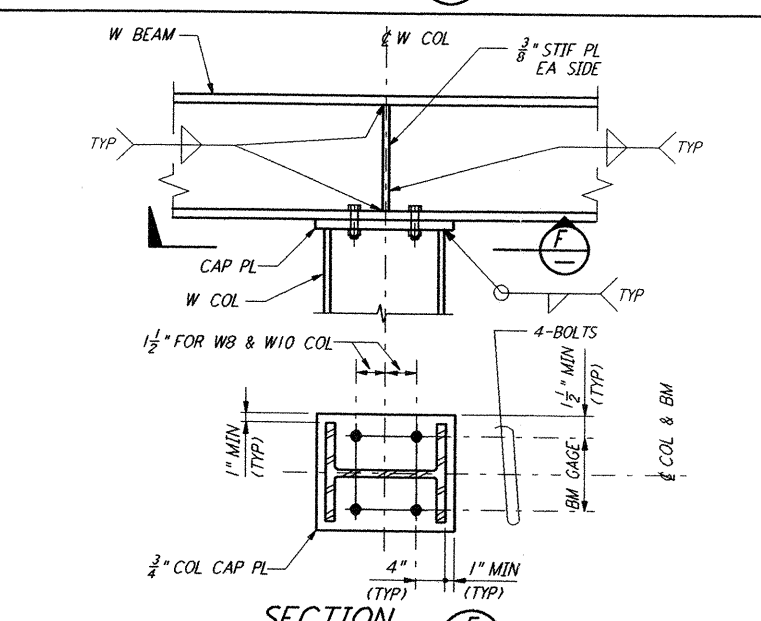
STRUT BEAM TO COLUMN CONNECTION DETAIL (9) (9A) (9B)



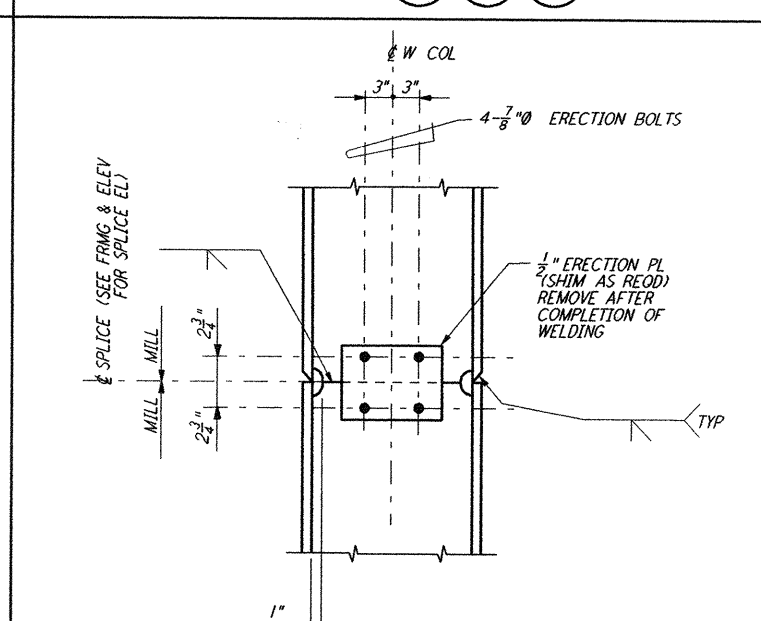
SECTION (D)



BEAM TO COLUMN BOLTED MOMENT CONNECTION DETAIL (11)



BEAM TO COLUMN BOLTED MOMENT CONNECTION DETAIL (12)



WELDED COLUMN SPLICE DETAIL (13)

NOTES:
 1. FOR GENERAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING S-100.

NO.	DATE	APPROVED BY	DESCRIPTION OF REVISION

NO.	DATE	APPROVED BY	ISSUED FOR

DATE	10-31-95
DRAWN	MCS
CHECKED	
ENGINEER	
PROJ MGR	

100 WEST WALNUT STREET
PASADENA, CALIFORNIA

CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

LASER INTERFEROMETER
GRAVITATIONAL-WAVE OBSERVATORY
SITE NO. 2 - LIVINGSTON, LOUISIANA

SCALE	NONE	CONTRACT NUMBER	PP150969	PROJECT NUMBER	8094
SHEET NUMBER	LA-S-004	REVISION			

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